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		Hamburg M.T.			R.A.			Dec.		
		h	m	s	°	′	″	°	′	″
Aug.	19	10	47	7·2	193	29	43·2	+56	57	59·2
	21	12	7	34·1		30	19·4	55	33	43·1
	23	14	3	57·3		32	19·3	54	14	12·0
	26	9	2	57·6		37	42·0	52	31	2·5
	27	10	19	48·4		40	5·7	51	53	58·9
	30		29	24·5		49	30·6	50	9	13·4
	31	10	37	19·8	193	52	31·9	49	35	18·5
Sept.	4	13	31	15·5	194	8	58·1	47	21	55·2
	5	11	7	15·5		12	44·8	46	53	36·2
	6	10	2	32·1		16	52·2	46	24	14·8
	7	10	43	58·2		21	45·1	45	53	16·3
	9	9	48	1·1		30	51·5	44	54	57·4
	13		40	56·0		50	55·6	43	2	37·5
	14		54	44·4	194	56	47·9	42	34	52·0
	15	9	6	53·4	195	1	15·3	42	8	59·8
	18	8	54	18·4	195	17	44·2	+40	51	9·6

BRORSEN's Third Comet.

M. Brorsen, now attached to the Altona Observatory, discovered, July 20, a faint comet, the approximate place of which, at 12^h 15^m Altona M.T., was

R.A. 1^h 49^m·7. N. Decl. 26° 7′.

Observations of BRORSEN's Third Comet.

ALTONA. (Dr. Petersen.)

		Altona M.T.			R.A.			Dec.		
		h	m	s	°	′	″	°	′	″
July	21	12	38	8	29	4	27	......		
			45	35	......			+27	1	22

HAMBURG. (M. Rümker.)

		Hamburg M.T.			R.A.			Dec.		
		h	m	s	°	′	″	°	′	″
July	21	13	3	43·6	29	6	23·0	+27	1	51·3
	24		25	12·1	34	50	11·6	30	4	0·2
	25	13	40	9·1	36	55	46·2	31	4	12·0
	26	14	7	33·4	39	9	29·5	32	4	44·0
Aug.	1	13	16	18·4	54	23	5·1	37	28	45·2
	2	12	11	39·4	57	9	18·8	38	11	38·0
	3	12	39	35·0	60	12	10·0	38	52	56·0
	4	11	56	36·9	63	10	18·2	39	28	4·8
	6	12	23	31·0	69	33	8·4	40	26	47·5
	7	14	15	30·6	73	1	19·0	40	49	7·7
	8	12	24	55·5	76	2	31·2	41	3	2·8
	9		20	46·6	79	16	16·9		12	46·8
	10		24	18·6	82	30	57·0		16	51·6
	11	12	5	14·4	85	41	27·7	+41	15	15·3

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	Hamburg M.T. h m s	R.A. ° ′ ″	Dec. ° ′ ″
Aug. 12	13 21 29·0	89 2 15·5	+41 7 59·9
13	17 7·5	92 8 37·1	40 55 26·4
14	16 42·0	95 11 32·5	40 37 57·6
16	50 40·5	101 7 5·7	39 49 25·1
17	51 55·7	103 54 37·5	39 19 23·3
18	13 46·2	106 31 46·5	38 46 43·0
19	33 14·6	109 10 16·7	38 9 25·0
20	33 45·7	111 40 42·0	37 29 48·9
21	13 41 39·2	114 5 30·9	36 47 32·4
23	15 35 58·1	118 48 25·3	35 13 47·7
26	13 51 39·2	124 48 16·0	32 49 28·2
Sept. 4	15 58 59·0	140 0 27·0	24 34 51·6
5	15 49 38·2	141 26 44·4	23 38 36·3
12	16 8 22·4	150 48 53·4	+16 58 18·1

BERLIN. (Dr. Galle.)

	Berlin M.T. h m s	R.A. ° ′ ″	Dec. ° ′ ″
Aug. 6	11 9 12·4	69 20 51·0	+40 25 26·5
17	13 14 58·8	103 48 44·6	+39 20 20·3

Elliptical *Elements of Brorsen's Third Comet.*

By M. D'Arrest.

T 1847. Sept. 10·032550, M.T. at Berlin.

π	80° 2′ 18″·40	M. Eq. 1847,0.
☊	309 19 52·25	
i	18 56 39·34	
φ	71 25 14·01	
Log. a	0·9657237	
μ	126″·30515	
	Direct.	

These elements agree very well with the whole course of observations.

Schweizer's Comet.

At Moskow, on August 31, M. Schweizer discovered a comet near ε *Cassiopeiæ*. He estimated its position at $9^h\ 30^m$ Moskow M.T. R.A. 30°, Declin. +65° 30′; it was then moving rapidly towards ψ *Cassiopeiæ*.

M. Brorsen, at Altona, found the comet again, on Sept. 10: the approximate position at $9^h\ 30^m$ Altona M.T. was R.A. $22^h\ 24^m$, Decl. +65° 35′.

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